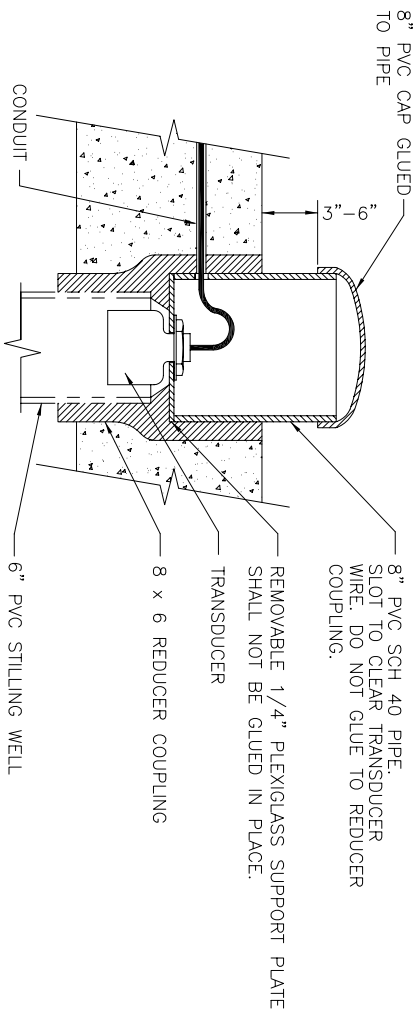


ELECTRICAL DETAIL
SCALE: NONE



TRANSUCER MOUNTING DETAIL
SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWING)

1. REVIEW DETAILS AND EDIT AS NEEDED TO SUIT PROJECT REQUIREMENTS.
2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
 - A. SPEC 02530, EXTERIOR SEWAGE LIFT STATION.
 - B. SPEC 02535, MANHOLES.
 - C. CIVIL DRAWING ST-G30GEN-1, BOLLARD DETAIL.
 - D. CIVIL DRAWING ST-G30GEN-3, TRACER WIRE DETAIL.
3. TRACER WIRE REQUIRED IN ALL PLASTIC, DUCTILE IRON, OR CAST IRON PIPING.
4. PROVIDE BOLLARDS IF VEHICLES ARE LIKELY TO IMPACT LIFT STATION.
5. LOCATE LIFT STATION SO THAT IT IS EASILY ACCESSIBLE FOR MAINTENANCE BY SERVICE VEHICLE.
6. SELECT PUMPS TO OPERATE WITHIN THE CAPACITY RANGE RECOMMENDED BY THE MANUFACTURER.
7. IT IS PREFERRED TO SELECT A PUMP THAT HAS A STEEP SLOPING CURVE.
8. LOCATE LIFT STATION ON SOUTH SIDE OF BUILDING (IF POSSIBLE).
9. LOCATION OF ELECTRICAL CONTROL PANEL AND CONCRETE PAD SHALL BE DETERMINED BY FIELD CONDITIONS. COORDINATE LOCATION WITH THE LANL UTILITY GROUP WASTEWATER REPRESENTATIVE.

ADTS - ENGINEERING DIVISION

ENGINEERING STANDARDS MANUAL

EXTERIOR SEWAGE LIFT STATION
NOTES AND ELECTRICAL DETAIL

NO	REV	DATE	DESCRIPTION	DRAWN	CHECKED	IN CHARGE	DATE	REV
1		6-5-02	U	RP	EH	MS	EH	TO
2		8-26-03	U	RP	EH	MS	EH	TO
3		8-16-04	U	RP	EH	MS	EH	TO
4		1-27-05	U	RP	EH	MS	EH	TO

DRAWING DEVELOPED FOR ML-3/
ML-4 PROJECTS. FOR ML-1/
ML-2, ADDITIONAL REQUIREMENTS
AND QA REVIEWS ARE REQUIRED.
(REMOVE THIS NOTE WHEN IN-
SERTED INTO A DRAWING PACK-
AGE).



5000 Bu. 1663
Los Alamos, New Mexico 87545

CLASSIFICATION: U

PROJECT ID

CHAPTER 3

DRAWING NO

ST-G3020-2

DATE

REV

4	OF	4
4		